**AMENDMENTS TO THE SPECIFICATION**

Please amend the paragraph of the specification that is at page 21, line 26 through page 22, line 9 as follows:

Analysis for the value obtained from each of the probes is carried out in the same manner, and as a result, it is possible to diagnose for the presence or absence of a chromosomal disorder with respect to each of these selected potential disorders in a single assay procedure. For example, where a trisomy disorder is detected, the intensity at the respective probe would be substantially higher, and when a microdeletion ~~on~~ or other mutation is found, the intensity of the respective probe will be substantially lower. To authenticate this test procedure using the microarrays, testing has now been carried out using DNA having each of the 8 specific chromosomal disorders mentioned hereinbefore, and the test results obtained have demonstrated 100% sensitivity and 100% specificity with respect to 24 samples of DNA known to be normal and with respect to 48 different DNA samples known to contain specific abnormalities. Although only 8 potential chromosomal disorders have been tested to date, it is clear that other conditions of aneuploidy and/or microdeletions can be readily included as a part of such a test being performed on a single microarray, and it is fully expected that similar detection and diagnosis will be obtained.